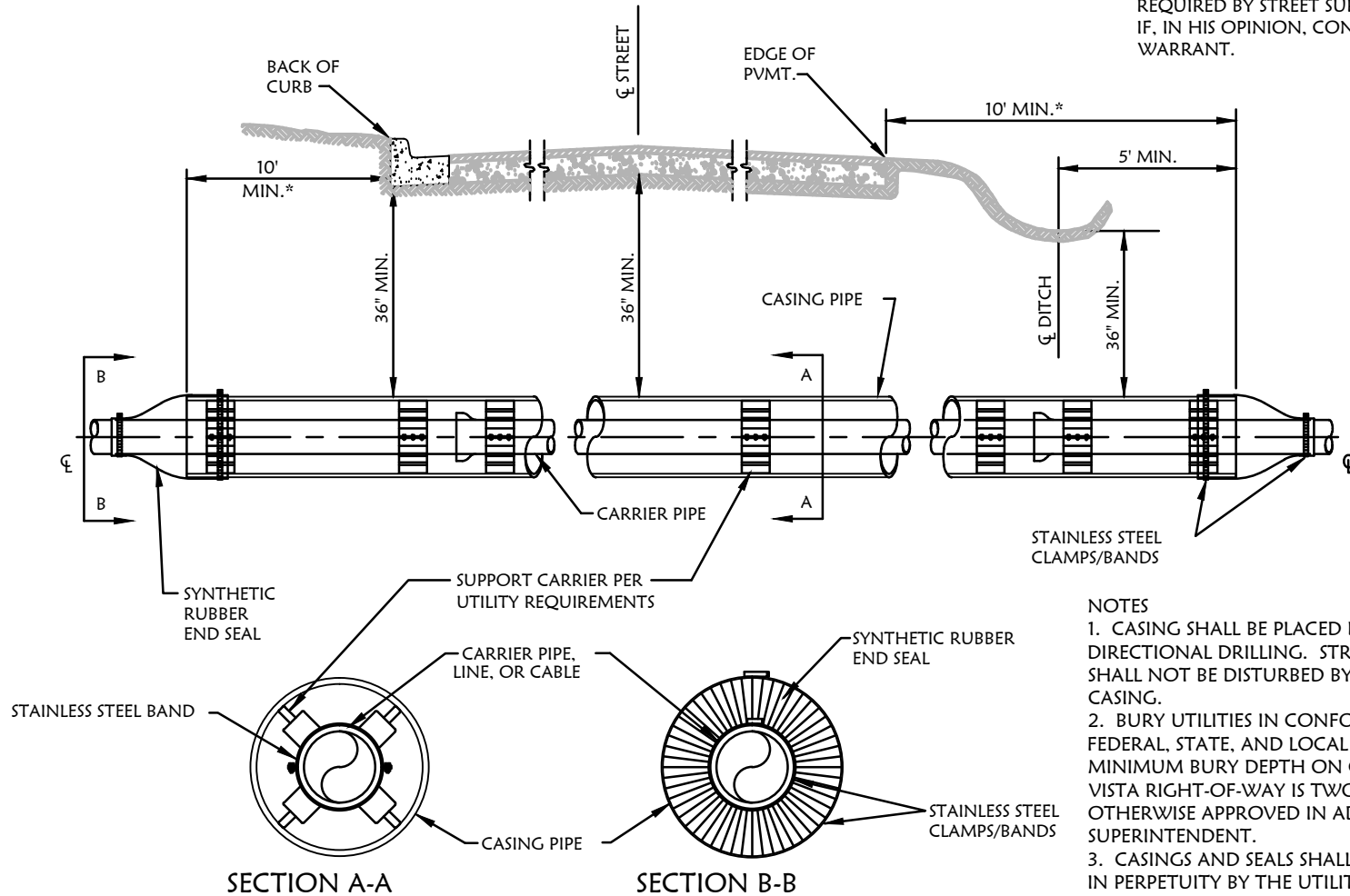


# ENCASEMENT DETAIL

\* INCREASED CASING LENGTH MAY BE REQUIRED BY STREET SUPERINTENDENT IF, IN HIS OPINION, CONDITIONS WARRANT.



- NOTES**
1. CASING SHALL BE PLACED BY BORING OR DIRECTIONAL DRILLING. STREET SURFACE SHALL NOT BE DISTURBED BY PLACEMENT OF CASING.
  2. BURY UTILITIES IN CONFORMANCE WITH FEDERAL, STATE, AND LOCAL REGULATIONS. MINIMUM BURY DEPTH ON CITY OF BELLA VISTA RIGHT-OF-WAY IS TWO FEET (2') UNLESS OTHERWISE APPROVED IN ADVANCE BY STREET SUPERINTENDENT.
  3. CASINGS AND SEALS SHALL BE MAINTAINED IN PERPETUITY BY THE UTILITY.
  4. SMOOTH-WALL STEEL PIPE SHALL BE USED FOR ALL CASINGS LARGER THAN 3" DIAMETER. STEEL CASING PIPE SHALL BE STEEL PIPE OF MINIMUM WALL THICKNESS SHOWN, HAVE A MINIMUM YIELD STRENGTH OF 35 KSI, AND SHALL CONFORM TO ASTM A-53, GRADE B, CW (PHYSICAL TESTS ONLY, NO HYDROSTATIC TEST REQUIRED.) ALL PIPE JOINTS SHALL BE FULL-CIRCUMFERENCE WELDED IN ACCORDANCE WITH AWS D1.1.
  5. PVC CASING PIPE MAY BE USED FOR CASINGS 3" IN DIAMETER AND SMALLER. PVC ENCASEMENT PIPE SHALL CONFORM TO ASTM D2241, SDR 17. SEAL ENDS OF PVC ENCASEMENT PIPE WITH SPRAY FOAM UPON INTALLATION OF THE SERVICE LINE. SPACERS ARE NOT REQUIRED FOR 3" AND SMALLER CASINGS.

MINIMUM STEEL CASING PIPE WALL THICKNESS							
CASING DIAMETER	16"	18"	20"	24"	30"	36"	>36"
MIN. WALL THICKNESS	.250	.250	.312	.375	.500	.500	SPECIAL DESIGN

